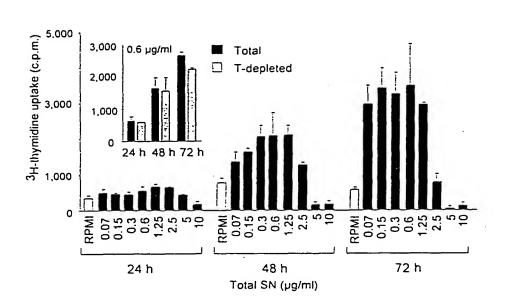
Figure 1 - Reina-San-Martin, B. et al.

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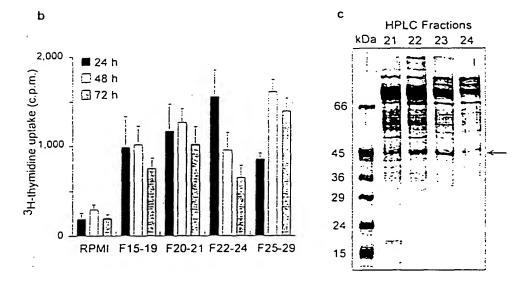
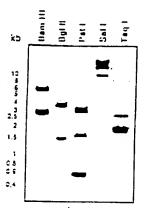
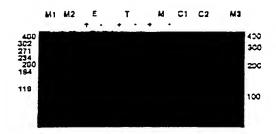


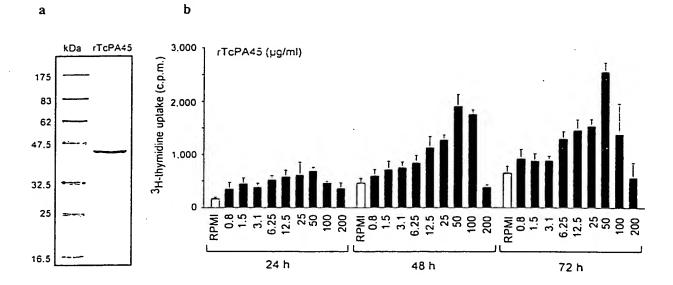
Figure 2 - Reina-San-Martin, B. et al.

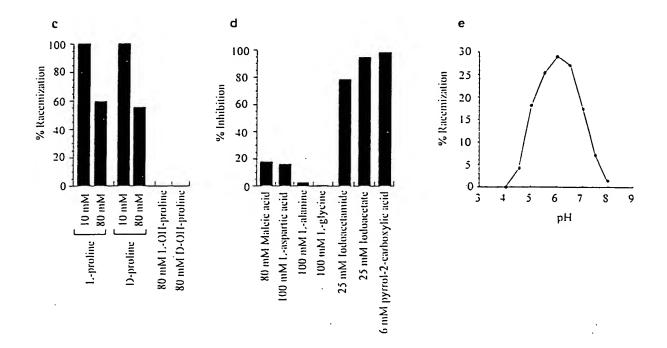
4		
ГC	MRKSVCPKQKFFFSAFPFFFFCVFPLISRTGQEKLLFDQKYKIIKGEKKEKKKNQRANRREHQQKREIMRFKKS	75
Cs	MXFSKG	6
Рa		3
Гc	FTCIDMHTEGEAARIVTSGLPHIPGSNMAEKKAYLQENMDYLRRGIMLEPRGHDDMFGAFLFDPIEEGADLGMVF	150
Cs	IHAIDSHTMGEPTRIVVGGIPQINGETMADKKKYLEDNLDYVRTALMHEPRGHNDMFGSIITSSNNKEADFGIIF	31
Pa	IRIIDSHTGGEPTRLVIGGFPDLGQGDMAERRRLLGERHDAWRAACILEPRGSDVLVGALLCAPVDPEACAGVIF	73
ГC	MDTGGYLNMCGHNSIAAVTAAVETGIVSVPAKATNVPVVLDTPAGLVRGTAHLQSGTESEVSNASIINVPSFLYQ	225
Cs	MDGGGYLNMCGHGSIGAATVAVETGMVEMVEPVTNINMEAPAGLIKAKVMVENEKVKEVSITNVPSFLYM	151
Pa	FNNSGYLGMCGHGTIGLVASLAHLGRIGPGVHRIETPVGEVEATLHEDGSVSVRNVPAYRYR	140
Гc	QDVVVVLPKPYGEVRVDIAFGGNFFAIVPAEQLGIDISVQNLSRLQEAGELLRTEINRSVKVQHPQLPHINTVDC	300
Cs	EDAKLEVPSLNKTITFDISFGGSFFAIIHAKELGVKVETSQVDVLKKLGIEIRDLINEKIKVQHPELEHIKTVDL	225
Pa	RQVSVEVPGI-GRVSGDIAWGGNWFFLVAGHGQRLAGDNLDALTAYTVAVQQALDDQDIRGEDGGAIDH	209
ГC	VEIYGPPTNPEANYKNVVIFGNRQADR SPCGT GTSAKMATLYAKGQLRIGETFVYESILGSLFQGRVLGEE	371
Çs	VEIYDEPSNPEATYKNVVIFGQGQVDR SPCGT GTSAKLATLYKKGHLKIDEKFVYESITGTMFKGRVLEET	297
Pa	IELFADDPHADSRNFVLCPGKAYDR SPCGT GTSAKLACLAADGKLLPGQPWRQASVIGSQFEGRYEWLDGQ	279
Гc	RIPGVKVPVTKDAEEGMLVVTAEITGKAFIMGFNTMLFDPTDPFKNGFTLKQ* 423	
Cs	KVGEFDAIIPEITGGAYITGFNHFVIDPEDPLKYGFTV* 335	
Pa	PGGPIVPTIRGRAHVSAEATLLLADDDPFAWGIRR* 314	

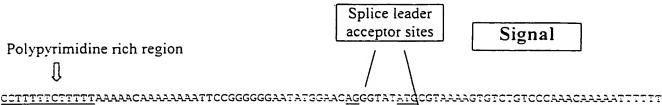












M\RKSVC2KOKFE SAFPFFFF RTGQEKLLFDOKY aägaaatcattcacatgcatcgacatgcatacggaaggtgaagcaggattgtgacgagtggtttgccacacattccaggttcgaat K K S F T C I D M H T E G E A A R \underline{I} \underline{V} \underline{T} \underline{S} \underline{G} \underline{I} \underline{P} \underline{H} \underline{I} \underline{P} \underline{G} S N ATGGCGGAGAAAGCATGCTGGAAAACATGGATTATTTTGAGGCGTGGCATAATGCTGGAACCACGTGGTCATGATGATATGTTT MAEKKAYLQENMD RGIMLEP RGHDDM GGAGCCTTTTTATTTGACCCTATTGAAGAAGGCGCTGACTTGGGCATGGTATTCATGGATACCGGTGGCTATTTAAATATGTGTGGACAT G A F L F D P I E E G A D L G M V F M D T G G Y L N M C G H AACTCAATTGCAGCGGTTACGGCGGCAGTTGAAACGGGAATTGTGAGCGTGCCGGCGAAGGCAACAAATGTTCCGGTTGTCCTGGACACA N S I A A V T A A V E T G I V S V P A K A T N V P V CCTGCGGGGTTGGTGCGCGGTACGGCACACCTTCAGAGTGGTACTGAGAGTGAGGTGTCAAATGCGAGTATTATCAATGTACCCTCA G L V R G T A H L Q S G T E S E V S N A S I I N V P S F TTGTATCAGCAGGATGTGGTGGTTGTGTTGCCAAAGCCCTATGGTGAAGTACGGGTTGATATTGCATTTGGAGGCAATTTTTTCGCCATT 0 0 D V V V V L P K P Y G E V GTTCCCGCGGAGCAGTTGGGAATTGATATCTCCGTTCAAAACCTCTCCAGGCTGCAGGAGGCAGGAGAACTTCTGCGTACTGAAATCAAT V P A E Q L G I D I S V Q N L S R L Q E A G E L L R T E I N CGCAGTGTGAAGGTTCAGCACCCTCAGCTGCCCCATATTAACACTGTGGACTGTGTGAGATATACGGTCCGCCAACGAACCCGGAGGCA R S V K V Q H P Q L P H I N T V D C V E I Y G P P T N P E A AACTACAAGAACGTTGTGATATTTGGCAATCGCCAGGCGGATCGCTCTCCATGTGGGACAGGCACCAGCGCCAAGATGGCAACATTTAT G N ROADRSPCGT GCCAAAGGCCAGCTTCGCATCGGAGAGACTTTTGTGTACGAGAGCATACTCGGCTCACTCTTCCAGGGCAGGGTACTTGGGGAGGAGCGA K G Q L R I G E T F V Y E S I L G S L F O G R V L G E E R ATACCGGGGGGTGAAGGTGCCGGTGACCAAAGATGCCGAGGAAGGGATGCTCGTTGTAACGGCAGAAATTACTGGAAAGGCTTTTATCATG I P G V K V P V T K D A E E G M L V V T A E I T G K A F GGTTTCAACACCATGCTGTTTGACCCAACGGATCCGTTTAAGAACGGATTCACATTAAAGCAGTAGATCTGGTAGAGCACAGAAACTATT G F N T M L F D P T D P F K N G F T L K Q ATTATTAAATTTTTTTTTTTTTGGGGTTTCAACGGTACCGCGTTGGGAGCAGGGAAGCGATAGCGGCCGGACAATTTTTTGCTTTTAT AGGAATAAACATATTTCAATTTCATATCTTGGAATCAAAAGGCAT

130

72

350

102

132

520

152

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700

222

790

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330

232

970 312

1060

1150

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342

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+02

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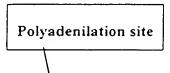
1330

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1510

1500

1651



Obs : Underlined the sequenced peptides used to deduce degenerated primers for cloning

Nucleotide sequence and peptide sequence TcPA45

7011 22-3 4 6 7

Weilin blot

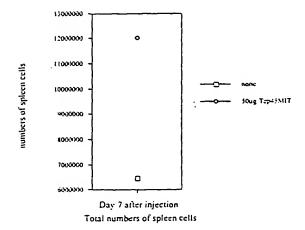
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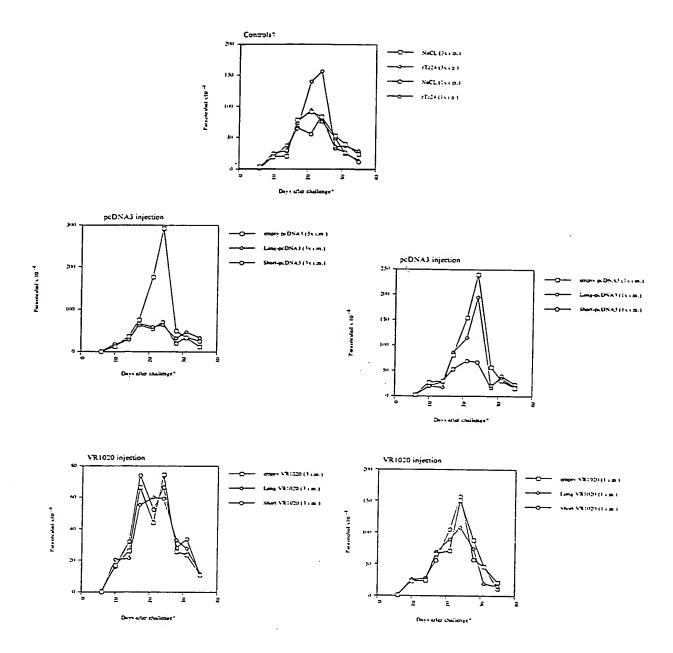
SOUBLE FRACTION OF EPIMALTISOTE EXTRACT (CYTOSOLIC)

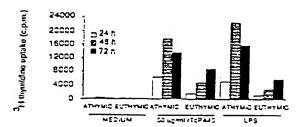
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= DEMONSTRATE THE EXISTANCE OF A.
INTRACYTOPLASMIC FORM DE TEPRASTE
IN THE PRASITE







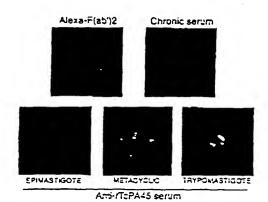
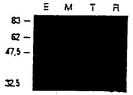
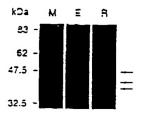
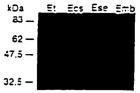
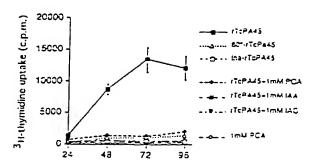


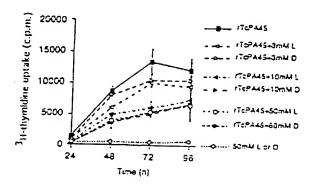
FIGURE 10(a)











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